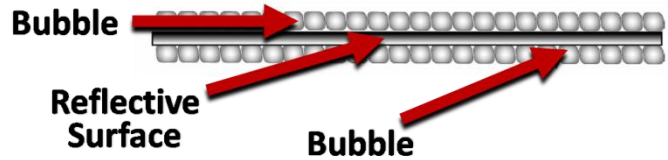


Technical Data Sheet

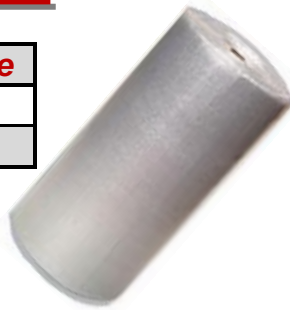
Description

Inferno BFB Insulation which is specifically designed for use under concrete applications. This particular insulation is the only one on the market with Bubble/Foil/Bubble configuration. It is used for radiant heat in concrete floors, sub-floor applications, duct wrap under concrete or for radiant heating an asphalt driveway for snowmelt.



Available Sizes:

Size	Sq.ft./Bundle
16" x 75'	167'
48" x 125'	500'



Installation

- 1) Unroll the Inferno BFB Insulation
- 2) Butt the seams
- 3) Seal the seams with Inferno Insulation Tape
- 4) Install Radiant Heating System as specified by the manufacturer

Physical Properties	Test	Reflective/Double Bubble/WhitePoly
Nominal Thickness	-	5/16"
Weight	-	1.35 oz/sq. ft.
Temperature Range	ASTM C411	-50°F to 180°F
Fire Rating	ASTM E84	Class 1/ Class A
COMPRESSION STRENGTH	-	140 psi
FLEXABILITY & PLIABILITY	TAPPI T 512	No Cracking or Delamination
BURSTING STRENGTH	ASTM D751	180 psi
THERMAL RESISTANCE (system)	ASTM C236*	R-3.8*
WATER VAPOR TRANSMISSION	ASTM E96	< 0.02 perms
Resistance to Fungi & Bacteria	ASTM C1338	Does not promote growth

*ASTM C236 modified to demonstrate the radiation effect of reflective foil on reducing the energy input at the room-side of the Guarded Hot Box. The stated R-Value represents the thermal resistance of an insulation SYSTEM.

*Avoid prolonged storage of product in direct sunlight, or in conditions where temperatures exceed 95°F

*Avoid use of product under pavers – product is designed to be installed under a solid concrete slab

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